



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4305-5

Job Sheet 174128



Part No: D4305-5

Job Qty: 1 ea

Part Name: Shoulder Harness



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/12/18

Job Tracking No:

Due Date: 4/4/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG D4305 REV E IPP Rev:A 11.03.01 new issue DD verf:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	1 pcs		4/4/18	0.00	0.00	Purchasing		H 1864/03
110	Packaging	1 pcs		4/4/18	0.00	0.00	Packaging2		ADAF 1864/03
120	QC	1 pcs		4/4/18	0.00	0.00	QC6		11
130	Packaging	1 pcs		4/4/18	0.00	0.00	Packaging3-2	51470 sl	APR 04 2018
140	QC21-SA	1 Ea		4/4/18	0.00	0.00	QC21		APR 05 2018

Part Op 100 - Issue P/O: 039274 Purchase part as per Dwg Manufacturer: AMSAFE Manufacturer P/N: 4181-2071912396
Descriptions: 130 - Use plastic engraved tags and label per FAR21.607 to contain the following at minimum. See Drawing DSC-D4305 Note 6

MAR 12 2018 *DOB*

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
4181-2071912396	Shoulder Harness	1 pcs (1 ea)	100-Purchasing	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	4181-2071912396	1	0	0

Part Specifications

Specifications could not be found.

Plex 3/12/18 8:31 AM dart.lavoie.chantal



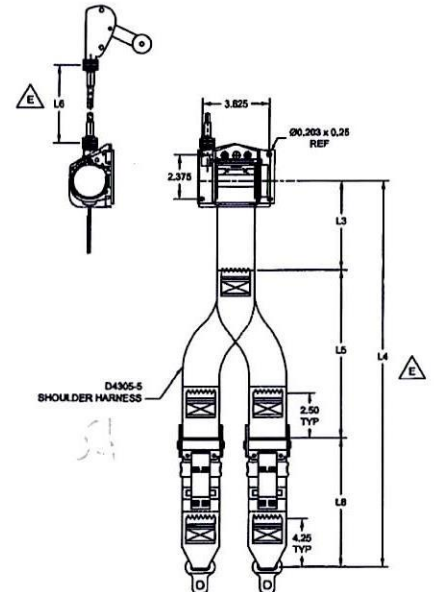
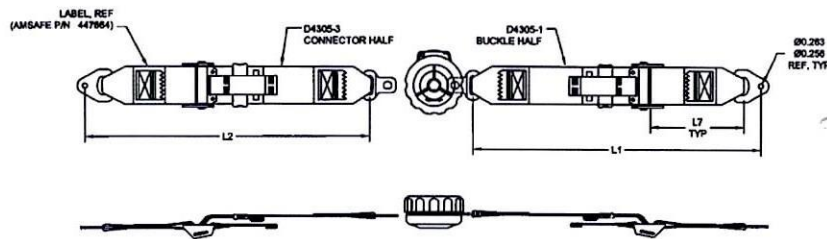
PART NO: D4305-5
Serial No/Batch: S057622
Revision:
Operation:
Change No:

Packaging

Mfg Date: 04/03/18
Job No: 174128

SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6	L7	L8
D4305-1	4181-2011912396	BUCKLE HALF	AMSAFE	30.00						5.50	
D4305-3	4181-2031912396	CONNECTOR HALF	AMSAFE		30.00					5.50	
D4305-5	4181-2071912396	SHOULDER HARNESS	AMSAFE			40.00	103.00	41.00	22.00		4.00-22.00



NOTES:

- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-191-2396
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607
TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N: 4181-2-191-2396
CUST P/N: D4305-041
RATED: 3000 LBS DATE OF MFG
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 3.4 lbs

D4305-041 SHOULDER HARNESS

RELEASED
2017-03-06
ECN 17-533

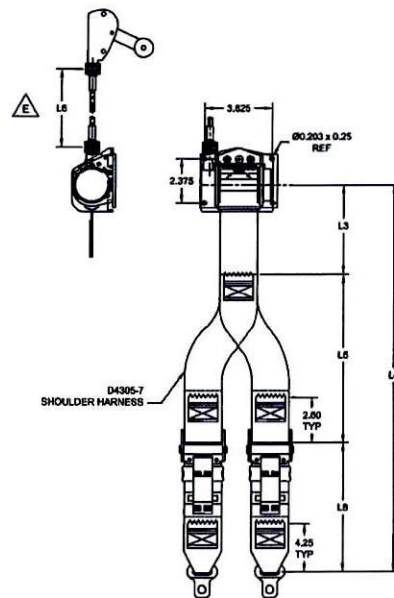
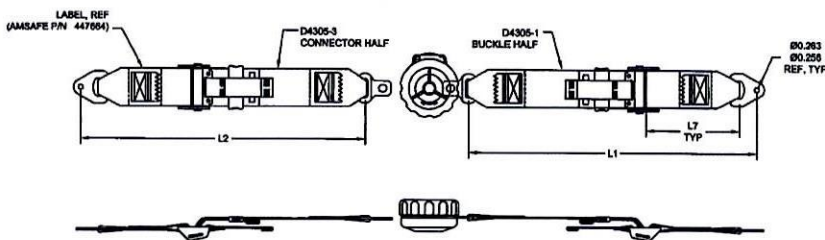
E	ADD D4305-045, REF. NCR15-4642, REVISE DIMENSIONS TO BE SIMILAR TO AMSAFE DRAWING	VS	15.07.06
D	ADD D4305-043, REF. PAR12-268	BFM	13.01.21
C	5.50 WAS 4.00, L3 WAS 49.00, L4 WAS 4.00 - 26.00	RP	12.07.03
B	REVERSED ORIENTATION OF ADJUSTER ASSEMBLIES ON D4305-1 AND D4305-3. L1 & L2 WERE 24.00, L4 REDEFINED. L3 WAS L5 AND WAS 18.00. L6 ADDED, L8 WAS L8 AND WAS 30.00. UPDATE AMSAFE PART NUMBERS.	RP	12.05.25
A	NEW ISSUE	RF	10.11.26
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	VS		
CHECKED	RF		
MFG. APPR.	LL		
APPROVED	HS		
DE APPR.	HS		
DATE	15.07.06		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. DSC-D4305
REV. E
SHEET 1 OF 3
TITLE SHOULDER HARNESS
SCALE NTS

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SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6	L7	L8
D4305-1	4181-2011912396	BUCKLE HALF	AMSAFE	30.00						5.50	
D4305-3	4181-2031912396	CONNECTOR HALF	AMSAFE		30.00					5.50	
D4305-7	4181-2072012396	SHOULDER HARNESS	AMSAFE			40.00	103.00	41.00	30.00		4.00-22.00



NOTES:

- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-201-2396
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607
TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N. 4181-2-201-2396
CUST P/N: D4305-043
RATED: 3000 LBS DATE OF MFG
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 3.4 lbs

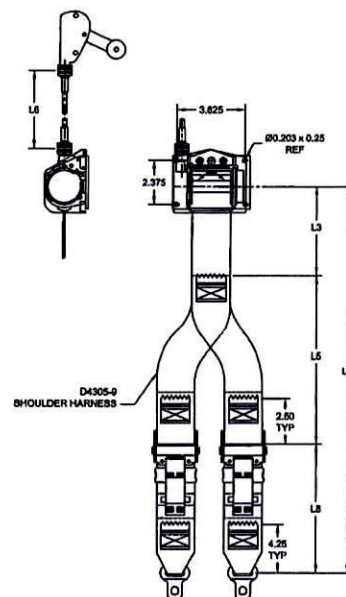
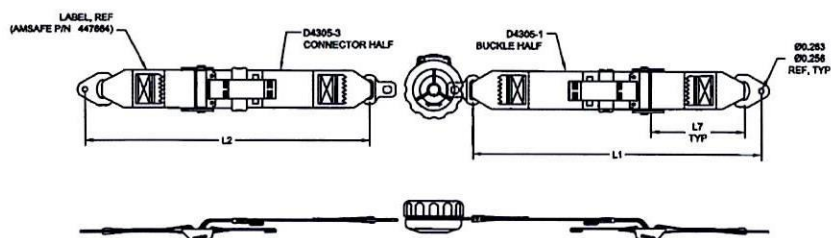
D4305-043 SHOULDER HARNESS

RELEASED
2017-03-06

DESIGN	RF	DART AEROSPACE LTD
DRAWN	VS	HAWKESBURY, ONTARIO, CANADA
CHECKED	RF	DRAWING NO. REV. E
MFG. APPR.	LL	DSC-D4305 SHEET 2 OF 3
APPROVED	HS	TITLE SCALE
DE APPR.		SHOULDER HARNESS NTS
DATE	15.07.06	COPYRIGHT © 2010 BY DART AEROSPACE LTD

SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6	L7	L8
D4305-1	4181-2011912396	BUCKLE HALF	AMSAFE	30.00						6.50	
D4305-3	4181-2031912396	CONNECTOR HALF	AMSAFE		30.00					6.50	
D4305-9	4181-2072112396	SHOULDER HARNESS	AMSAFE			40.00	84.00	18.00	30.00		4.00-27.00



NOTES:

- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-211-2396
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607
TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N: 4181-2-211-2396
CUST P/N: D4305-045
RATED: 3000 LBS DATE OF MFG
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 3.4 lbs

D4305-045 SHOULDER HARNESS

RELEASED
2017-03-06

DESIGN	RF	DART AEROSPACE LTD HAMMERSBURY, ONTARIO, CANADA	
DRAWN	VS	DRAWING NO.	REV. E
CHECKED	RF	DSC-D4305	SHEET 3 OF 3
MFG. APPR.	LL	TITLE	SCALE
APPROVED	HS	SHOULDER HARNESS	NTS
DE APPR.		COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES FOR WHICH IT WAS ISSUED AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.	
DATE	15.07.06		



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039274

Supplier: AMS002-VU
Amsafe Inc.
1043 North 47th Avenue
Phoenix, AZ 85043 USA
Phone: 602 850 2850
Fax: 602-278-3479

PO No: PO039274
PO Date: 3/12/18
Due Date: 4/2/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Phone:

E-MAILED
MAR 12 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	4181-2071912396			Shoulder Harness As Per Dwg DSC-D4305 Rev. E	Firmed	4/2/18	1 pcs	120 pcs	1 pcs	\$294.37/pcs	\$294.37
Grand Total:											\$294.37

DAS
11
9-89

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

CL
JL

Plex 3/12/18 11:08 AM dart.baker.diane

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S380135 - 1 - <i>HG</i>	
4. Organization Name and Address: AmSafe, Inc. 1043 North 47th Avenue Phoenix, Arizona 85043		Cert. No. PT1967NM			5. Work order/Contract/Invoice Number: S380135 - 1 <i>⊕</i> PAGES ATTACHED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	SHOULDER HARN ASSY W/IR	4181-2071912396	1	<i>N/A</i>	NEW	
12. Remarks: Drawing: 4181 Rev: T TSO: TSO-C114 DATE CODE: <i>ACB18</i> TOP ASSY P/N: <i><u>4181-2-191-2396</u></i>						
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12.			14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>[Signature]</i>		13c. Approval/Authorization No.: ODA602112NM		14b. Authorized Signature		14c. Authorized/Certificate No.
13d. Name (typed or printed) HOPE GONZALEZ		13e. Date (dd/mmm/yyyy): <i>29/MAR/2018</i>		14d. Names (typed or printed)		14e. Date (dd/mmm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						



- *Conforms to all applicable drawing dimensions and specifications.
- *(If applicable) Meets the requirements of FAR 25.853 (a) Compartment Interiors.
- *(If applicable) Conforms to British CAA specifications.
- *(If applicable) All parts/materials are certified new, conform to the design data, and are in airworthy condition.
- *Meets all the requirements of TSO-C114.
- *The parts/materials reflected herein were produced under a FAA approved Manufacturing and Quality Assurance system/methods as set in FAR Part 21 Sub-Part O, Para. 21.601.
- *The conditions and tests required for TSO approval of this article are minimum performance standards.
- *It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standard.
- *TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR part 43 or applicable airworthiness requirements.
- *For the latest copy of the CMM/SMM, please log onto www.amsafeaviation.com

CUSTOMER NAME:	DART AEROSPACE	SALES ORDER NO.	S380135
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Line	Purchase Order No.	Am-safe Part No.	Rev.	Lot No.	Customer Part No.	Dated Code	Quantity
1	PO039274	4181-2071912396	T	N/A	non	A03/B	1

PLEASE DELIVER TO THE QUALITY ASSURANCE DEPARTMENT

NEW

Nelson Lopez 03-28-18
QUALITY ASSURANCE REPRESENTATIVE DATE

CUSTOMER